



# Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

# UNITED STATES DEPARTMENT OF AGRICULTURE LIBRARY



BOOK NUMBER ]

An52An no.213-260 1925-1928

723023

1 AN 52 AN no. 213\_260 1925-1928



# United States Department of Agriculture

# SERVICE AND REGULATORY ANNOUNCEMENTS

# BUREAU OF ANIMAL INDUSTRY

AUGUST, 1925

[This publication is issued monthly for the dissemination of information, instructions, ruling, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

### CONTENTS

	Page
Changes in directory	77
Amendment to meat-inspection regulations	78
Animals slaughtered under Federal meat inspection, July, 1925	79
Causes for condemnation of carcasses, June, 1925	80
Imports of food animals and meat products.	80
Summary of tuberculosis-eradication work in cooperation with States, July, 1925	81
Permitted dip for scabies of cattle and sheep	82
Permitted disinfectant	82
Licenses for veterinary biological products	82
Anti-hog-cholera serum and hog-cholera virus produced under veterinary license, July, 1925	83
Texas fever quarantine—Places to which southern cattle may be shipped for immediate slaughter	83
Results of prosecutions for violations of laws	83
New publications of the bureau	84
Organization of the Bureau of Animal Industry	84

#### CHANGES IN DIRECTORY

# Meat Inspection Granted

- \*19-B. The Cudahy Packing Co., Newport, Minn. 254. Phil J. Hock & Co., 2123 Ailanthus Street, Cincinnati, Ohio. 272. E. H. Weatherbee, 393 North Syndicate Street, St. Paul, Minn.

# Meat Inspection Withdrawn

- 3-AW. Swift & Co., Chicago, Ill. (Market inspection furnished.)
  310. Anthony Batek, Chicago, Ill. (Market inspection furnished.)
  170. D. C. Blacker (Inc.), Indianapolis, Ind.
  910. Beinecke & Co., New York, N. Y.

# Change in Number of Official Establishment

- \*3-FF. Swift & Co., the G. H. Hammond Co., Union Meat Co., North Portland, Oreg., instead of 138.
- \* Conducts slaughtering.

### Change in Name of Official Establishment

13. Batt & Stein, 223 Callowhill Street, Philadelphia, Pa., instead of Jake

\*64-A. Independent Packing Co. (Inc.), 4033 South Halstead Street, Chicago, Ill., and Allied Packers (Inc.), C. Klinck Packing Co., Mrs. McDonald, Mrs. McDonald's Pure Food Co., Parker Webb Co., Parker Webb & Co., Louis Pfaelzer & Sons Co., F. Schenk & Sons Co., the Independent Packing Co., Western Packing & Provision Co., Chas. Wolff Pack-

ing Co. 442. M. C. Provision C., 414 Hoboken Avenue, Jersey City, N. J., instead of D'Abru & Corte.

# Change in Name and Address of Official Establishment

393. Wynne Lard & Provision Co. (Inc.), 1141-1145 May Avenue, P. O. box 1313, Norfolk, Va., instead of Wynne Lard & Provision Co., P. O. box 263.

#### New Substation

Newport, Minn., meat inspection, substation of South St. Paul, Minn.

# Change in Address of Official in Charge

- Dr. Burr Allen, P. O. Box 103 (office at Gibson Packing Co.), Yakima, Wash. succeeds Dr. J. E. Ewers, who has been transferred elsewhere.
- Dr. C. W. Deming, care Swift & Co., Des Moines, Iowa, instead of care Iowa Packing Co., P. O. Box 1476.
  Dr. S. O. Fladness, Apartado 48 (office at the American Consulate), Mexico City,
- Mexico.
- Dr. Hugh M. O'Rear, 3-4 Tennessee War Memorial Building, Nashville, Tenn., instead of 401 Seventh Avenue, North.
- Dr. A. E. Rishel, 741 Customhouse Building, New York, N. Y., instead of 723 Customhouse Building.
- Dr. J. S. Grove, 218 Live Stock Exchange Building, Stock Yards Station, Fort Worth, Tex.

  Dr. R. F. Vermilya succeeds Dr. B. J. Stockler as inspector in charge at Wheeling, W. Va.

  Dr. B. J. Stockler succeeds Dr. R. W. Culbert as inspector in charge at South St.
- Joseph, Mo. Dr. R. W. Culbert has been made a traveling inspector; permanent address,
- South St. Joseph, Mo.
- Dr. William C. Herrold, inspector in charge, 332 Federal Building, Lincoln, Nebr., succeeds Dr. A. H. Francis, who has been acting as inspector in charge at that station.

#### Correction

The inspector in charge at Greenville, S. C., is Mr. F. E. Jentoft (not J. E.).

# AMENDMENT TO MEAT-INSPECTION REGULATIONS

Amendment 3 to B. A. I. Order 211 (revised) has been issued to take effect on October 1. The principal changes involved are as follows:

1. Carcasses and parts passed for sterilization may be marked "Passed for cooking," and products prepared from such carcasses and parts may be marked "Prepared from product passed after cooking." Provision for the use of the statement containing the term "sterilization" is retained in the regulations, and the use of either of the statements authorized is optional with the establishment.

2. Sausage may contain cereal, vegetable flour, vegetable starch, milk or its derivatives, individually or collectively, in quantity not to exceed 3.5 per cent. The amount of added water permitted in the preparation of unsmoked or uncooked sausage remains 3 per cent as heretofore. More water or other moisture may be used in the preparation of sausage which is cooked or smoked, provided that the amount of such water or moisture in the finished product does not exceed 10 per cent.

<sup>\*</sup> Conducts slaughtering.

3. Smoked or cooked sausage containing water in excess of 3 per cent and cereal, vegetable flour, vegetable starch, milk or its derivatives may be designated "Sausage, cereal added," "Sausage, potato flour added," "Sausage, dried skimmed milk added," etc., as the case may be, thus eliminating reference to the water constituent as previously prescribed. For the present, approved markings bearing such terms as "Sausage, water and cereal" may be used in lieu of the newly authorized markings from which the reference to water is omitted.

4. If any products in casings simulating sausage contain cereal, vegetable starch, vegetable flour, milk or its derivatives, individually or collectively, or water or other moisture, in excess of the limit prescribed for sausage, such product shall be prominently branded "Imitation" on each link or piece, and, in addition, if the product is placed in wrappers, cartons, or other containers, such containers must bear the term "Imitation" in combination with a statement of constituents, as for example, "Imitation, composed of meat by-products, meat, water, dried skimmed milk, cereal, and potato flour."

5. In lieu of the specific names of the animal fat constituents the term "Animal fat" may be employed in the labeling of lard substitutes consisting of a combination of vegetable and animal fats.

6. The revocation of regulation 16, section 1, paragraphs 6 and 7, and the modification of paragraph 2 of this section, renders it unnecessary for the bureau to approve advertisements in newspapers, periodicals, bill-board signs, street-car posters, and similar matter bearing copies or reproductions of the inspection The incorporation of the inspection legend or any abbreviations thereof in advertising matter simulating in size or design labels, tags, or other devices which may be employed in marking meat or products is not permitted.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, JULY, 1925

Station	Cattle	Calves	Sheep	Goats	Swine
BaltimoreBrooklyn	7, 213 3, 365	2, 685 8, 717	3, 247 27, 489	1	49, 250
Buffalo Chicago Cincinnati Cleveland	9, 966 170, 067 11, 529 9, 376	4, 296 53, 500 9, 151 11, 725	11, 112 256, 707 6, 540 11, 387	36 2	65, 784 388, 069 55, 526 44, 716
Denver Detroit Fort Worth	7, 807 7, 007 58, 408	2, 287 7, 625 55, 763	14, 354 3, 913 15, 108	2	17, 972 71, 520 17, 108
Indianapolis Jersey City Kansas City	12, 368 5, 110 134, 992	2, 945 7, 468 54, 167	6, 472 27, 464 99, 823	392	88, 926 39, 217 127, 721
National Stock Yards New York	11, 551 38, 950 31, 811	23, 610 21, 925 44, 655		45	71, 473 100, 131 59, 679
Omaha Philadelphia St. Louis. Sioux City	74, 352 9, 298 16, 268 29, 681	8, 690 8, 180 5, 661 3, 031	142, 936 17, 936 11, 564 8, 064	102	172, 779 56, 084 109, 831 158, 596
South St. Joseph————————————————————————————————————	41, 772 38, 686 132, 476	10, 574 48, 314 77, 850	49, 886 10, 992 136, 245	424	83, 396 187, 214 854, 393
Total: July, 1925 July, 1924	862, 053 764, 104	472, 819 421, 292	1, 071, 074 1, 050, 734	1, 181 838	2, 819, 385 4, 113, 814
7 months ended July, 1925 7 months ended July, 1924	5, 321, 630 5, 042, 873	3, 161, 808 2, 859, 995	6, 941, 323 6, 708, 655	8, 879 14, 551	26, 498, 628 32, 206, 083

Horses slaughtered at all establishments, July, 1925, 1,945. Inspections of lard at all establishments, 115,003,323 pounds; compound and other substitutes, 46,218,591 pounds. Corresponding inspections for July, 1924: Lard, 176,722,-060 pounds; compound and other substitutes, 37,198,807 pounds. (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

# CAUSES FOR CONDEMNATION OF CARCASSES, JUNE, 1925

Cause	Cattle	Calves	Sheep	Swine
Emaciation	640	155	269 243	55 710 2,040
Immaturity. Tuberculosis All other causes	3, 167 1, 124	176 78 267	261	8, 141 4, 113
Total	5, 532	815	773	15, 059

# IMPORTS OF FOOD ANIMALS AND MEAT PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during July, 1925, with figures for other periods for comparison.

# Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico	2, 157 13, 606 33	254 15, 171	186	7
Total: July, 1925	15, 796 17, 078 93, 375 100, 183	15, 425 1, 999 80, 854 7, 171	186 3, 666 44, 936 25, 543	7 353 175 7, 721

# Imports of meat and meat food products

	Fresh and	refrigerated	Canned	Other	Total	
Country of export	Beef	Other	and cured	products	weight	
Argentina Brazil	Pounds 24, 220	Pounds 29, 840	Pounds 196, 562 28, 800	Pounds	Pounds 250, 622 28, 800	
Canada	735, 491	1, 006, 312	116, 560 59, 682 12, 362	162, 011 22, 112	2, 020, 374 59, 682 34, 474	
Total: July, 1925 July, 1924 7 months ended July, 1925 7 months ended July, 1924	759, 711 1, 389, 368 2, 749, 585 8, 877, 366	1, 036, 152 887, 895 6, 719, 861 6, 493, 338	413, 966 1, 301, 232 7, 352, 949 6, 685, 553	184, 123 174, 561 1, 480, 362 1, 019, 967	2, 393, 952 3, 753, 056 18, 302, 757 23, 076, 224	

Condemned in July, 1925: Beef, 18 pounds; pork, 839; total, 857 pounds. Refused entry: Pork, 3,424 pounds.

# SUMMARY OF TUBERCULOSIS ERADICATION WORK IN COOPERA-TION WITH STATES, JULY, 1925

TION WITH STATES, JULY, 1925								
	Tuberculin te			Total to date				
	Herds or lots	Cattle tested	Cattle re- acted	Once- tested free herds	Ac- cred- ited herds	Herds under super- vision	Inspector in charge	State official
Ala Ariz Ark. Calif	. 87	4, 381 1, 661 528 1, 459	6 66 6 9	2, 370 3, 240 2, 898 2, 138	176 18 25 79	3, 098 4, 224 3, 276 2, 300	R. E. Jackson F. L. Schneider H. L. Fry R. Snyder	S. E. Douglas, Phoenix. J. H. Bux, Little Rock. J. P. Iverson, Sacra-
Colo Conn	50 139	1, 251 2, 175	26 469	1, 127 641	48 714	1, 350 1, 919	W. E. Howe R. L. Smith	mento. C. G. Lamb, Denver. J. M. Whittlesey, Hartford.
Del	185	967	76	1, 920	984	3, 495	W. G. Middleton	
D.CFla	179	3, 106	8	253 5, 837	26 373	286 6, 648	J. A. Kiernan J. G. Fish	
GaIdaho Ill Ind	279	3, 187 2, 960 60, 450 26, 337	14 6 1,600 288	6, 828 20, 146 66, 732 42, 009	39 98 1,069 12,816	7, 626 23, 254 81, 130 55, 654	A. L. Hirleman W. A. Sullivan J. J. Lintner J. E. Gibson	P. F. Bahnsen, Atlanta. W. R. Smith, Boise. F. A. Laird, Springfield.
Iowa	4, 718	75, 500	1, 038	56, 701	5, 701	93, 930	J. A. Barger	M. G. Thornburg, Des Moines.
Kans Ky	462 1, 143	4, 846 6, 110	28 67	18, 056 38, 451	922 241	19, 657 44, 883	N. L. Townsend W. F. Biles	J. H. Mercer, Topeka.
La	309	4, 406	50	2, 443	33	5, 983	A. F. Staub	E. P. Flower, Baton
Maine	1, 526	9, 490	72	13, 963	2, 372	16, 525	J. B. Reidy	Rouge. H. M. Tucker, Augusta.
Md	1, 171	8, 269	1, 249	5, 389	1, 586	11, 858	T. A. Ladson	James B. George, Balti- more.
Mass Mich	223 4, 360	4, 167 30, 631	732 224	790 65, 307	258 175	1, 543 68, 155	E. A. Crossman T. S. Rich	L. H. Howard, Boston, H. W. Norton, jr.,
Minn Miss Mo	186	19, 931 2, 936 2, 239	508 2 2	12, 992 1, 814 54, 304	5, 949 126 857	20, 581 1, 958 57, 566	W. J. Fretz L. E. Lyons Ralph Graham	C. E. Cotton, St.Paul. P. P. Garner, Jackson.
Mont Nebr Nev N. H N. J N. Mex	306	2, 553 28, 333 518 2, 971 3, 457 1, 388	3 334 8 405 236 6	19, 834 24, 138 2, 144 1, 842 1, 475 3, 204	105 177 11 1,883 559 11	20, 670 25, 688 2, 856 3, 812 2, 199 3, 478	J. W. Murdoch A. H. Francis L. C. Butterfield E. A. Crossman W. G. Middleton F. L. Schneider	City. W. J. Butler, Helena. C. H. Hays, Lincoln. Edward Records, Reno. A. L. Felker, Concord. J. H. McNeil, Trenton. Mat. Keenan, Albu-
N. Y N. C N. Dak Ohio	644	57, 656 9, 985 13, 773 17, 427	5, 715 40 120 536	25, 078 159, 249 20, 725 40, 849	13, 556 117 2, 953 1, 346	50, 095 173, 226 26, 813 46, 275	H. B. Leonard W. C. Dendinger . H. H. Cohenour A. J. DeFosset	querque. H. J. Henry, Albany. Wm. Moore, Raleigh. W.F. Crewe, Bismarck. F. A. Zimmer, Co-
Okla	19	704	5	74	295	404	H. Grafke	lumbus. J. A. Whitehurst, Okla- homa City.
Oreg Pa	2,690 4,720	18, 437 38, 355	199 3, 114	54, 506 30, 136	857 3, 696	55, 470 38, 038	S. B. Foster P. E. Quinn	W. H. Lytle, Salem. T. E. Munce, Harris-
R. I	1	44	3	10	40	68	E. A. Crossman	burg. T. E. Robinson, Provi-
S. C	124	1, 454	7	832	180	5, 884	W. K. Lewis	dence. W. K. Lewis, Columbia.
S. Dak Tenn	108 654	3, 176 4, 832	66 67	590 13, 548	513 233	1, 247 13, 955	J. O. Wilson H. M. O'Rear	M. W. Ray, Pierre.
Texas	92	4, 142	26	751	281	1, 238	L. J. Allen	ville. N. F. Williams, Fort Worth. W. H. Hendricks, Salt
Utah	1,695	6, 579	64	10, 124	80	11, 091	F. E. Murray	W. H. Hendricks, Salt Lake City.
Vt	275	4, 694	294	1, 444	3, 570	6, 438	L. H. Adams	Edward H. Jones, Montpelier.
Va	714	6, 186	94	5, 950	1, 597	7, 831	R. E. Brookbank.	J. G. Ferneyhough,
Wash W. Va	1, 224 514	10, 868 3, 732	193 8	33, 238 6, 204	100 613	35, 515 6, 998	J. C. Exline H. M. Newton	Robert Prior, Olympia. John W. Smith, Charleston.
Wis	6, 631	110, 379	1, 208	63, 160	6, 793	74, 165	J. S. Healy	John D. Jones, jr., Madison.
Wyo	Re	port not	in.	5, 853	9	6, 594	John T. Dallas	A. W. French, Cheyenne.
Total	62, 566	628, 630	19, 292	951, 307	74, 260	1, 156, 947	,	

# PERMITTED DIP FOR SCABIES OF CATTLE AND SHEEP

"Maas lime-sulphur solution," a lime-sulphur solution, is permitted by the department in the official dipping of cattle and sheep for scabies. Dilutions permitted: For cattle, 1 gallon of the dip to not more than 15 gallons of water; for sheep, 1 gallon of the dip to not more than  $20\frac{1}{4}$  gallons of water.

# PERMITTED DISINFECTANT

In accordance with the provisions contained in the regulations of this department governing the interstate movement of livestock (B. A. I. Order 292), the bureau has granted permission for the use of "Kremulso," manufactured by Leeds Chemical Co., Kansas City, Mo., as a saponified cresol solution in the general disinfection of cars, yards, and other premises.

# LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS

#### Licenses Issued

United States veterinary license No. 3, dated August 19, 1925, was issued to H. K. Mulford Co., Broad and Wallace Streets, Philadelphia, Pa., and Glenolden, Pa., for the preparation of the following products: Anthrax vaccine; antianthrax serum; antiblackleg serum; antibovine-abortion serum; anticanine-distemper serum; anticanine-distemper serum (polyvalent); antiequinine-abortion serum; antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (swine); antiinfluenza serum (equine); antipyogenes bacillus serum (bovine); antistreptoccic serum (equine); antiwhite-scour serum (bovine); autogenous bacterin; blackleg aggressin; blackleg filtrate; blackleg vaccine; botulinus antitoxin; bovine abortion bacterin; bovine abortion serobacterin; bovine abortion serovaccine; canine distemper serobacterin; canine distemper serobacterin (mixed) equine abortion bacterin (mixed); equine abortion serobacterin (mixed); equine influenza bacterin (mixed); equine influenza zerobacterin (mixed); equine navel-ill serobacterin (mixed); hemorrhagic septicemia aggressin; hemorrhagic septicemia bacterin (avian); hemorrhagic septicemia bacterin (bovine); hemorrhagic septicemia bacterin (equine); hemorrhagic septicemia bacterin (sheep); hemorrhagic septicemia bacterin (swine); hemorrhagic septicemia serovaccine (bovine); mallein; normal horse serum; polyvalent bacterin mixed (avian); polyvalent bacterin mixed (bovine); polyvalent bacterin mixed (canine); polyvalent bacterin mixed (equine); polyvalent bacterin mixed (rabbits); polyvalent bacterin mixed (swine); pyogenes bacillus serobacterin (bovine); rabies vaccine; staphylo bacterin (equine); strepto bacterin (equine); tetanus antitoxin; tuberculin; white scour bacterin (swine); white scour serobacterin mixed (bovine).

United States veterinary license No. 104, dated August 7, 1925, was issued to Swan-Myers Co., 219 North Senate Avenue, Indianapolis, Ind., for the preparation of the following products: Abortion bacterin (bovine); bacillus suipestifer bacterin; bovine mastitis mixed bacterin; canine distemper bacterin (mixed); equine abortion bacterin; equine colon bacterin; equine influenza bacterin; equine influenza bacterin; equine influenza bacterin (mixed); equine staphyloccocus aureus and albus bacterin; hemorrhagic septicemia bacterin; mixed bacterin (for rabbits); mixed infection bacterin (for swine); navel infection mixed bacterin (equine); polyvalent mixed bacterin (equine); white scour mixed bacterin (bovine).

United States veterinary license No. 185, dated August 18, 1925, was issued to the Killips Poultry Laboratories (Inc.), 213 High Avenue E., Oskaloosa, Iowa, for the preparation of the following products: Fowl cholera bacterin; mixed bacterin (avian).

# Licenses Terminated

United States veterinary licenses No. 3, issued to the H. K. Mulford Co., Philadelphia, Pa., dated January 1, 1921, April 7, 1921, April 5, 1922, May 2, 1923, July 5, 1923, and May 24, 1924, were terminated August 19, 1925, and license No. 3, dated August 19, 1925, was issued as indicated above for the products listed.

United States veterinary licenses No. 104, issued to Swan-Myers Co., Indianapolis, Ind., dated January 1, 1921, and May 11, 1922, were terminated August 7, 1925, and license No. 104, dated August 7, 1925, was issued as indicated above for the products listed.

# ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER VETERINARY LICENSES, JULY, 1925

	с. с.
Ordinary serum	16, 504, 080
Clear serum	12, 045, 155
Total serum	28, 549, 235
Simultaneous virus	4, 354, 437
Simultaneous virusHyperimmunizing virus	6, 483, 400

# TEXAS FEVER QUARANTINE

# PLACES TO WHICH SOUTHERN CATTLE MAY BE SHIPPED FOR IMMEDIATE SLAUGHTER

The following changes have been made in the list of places to which southern cattle may be shipped for immediate slaughter under State and Federal permission (see Service and Regulatory Announcements for January, 1925, p. 6):

# Permission Withdrawn

MICHIGAN: Detroit—Mason Beef Co.

Ohio: Cleveland—Teufel Brothers; Nick Davis.

# RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

# Meat-Inspection Law

John D. Odum, Thomasville, Ga., offering uninspected dressed beef carcasses

for interstate shipment, \$50 fine.

Western Meat Co., Fresno, Calif., breaking Government seals on a car of hams, \$50 fine.

# Livestock Quarantine Law

Cleveland, Cincinnati, Chicago & St. Louis Railway Co., interstate transportation of two dead hogs in same car with live animals, \$100 fine.

Harvey Faulkner, Buttzville, N. J., interstate driving of five cattle without

tuberculin test, \$25 fine.
P. Friedman, Portsmouth, Va., interstate movement of 1 cow and four calves

from a quarantined area, \$100 fine. A. J. McMullin, Cypress, Fla., interstate movement of a tick-infested horse, \$10 fine.

Missouri Pacific Railroad Co., failure to mark waybill and placard car "South-

ern Cattle," \$100 fine.

John Pasco, Monticello, Fla., interstate movement of a tick-infested horse, \$10 fine.

St. Louis Southwestern Railway Co., interstate transportation of infectious car without cleaning and disinfection, \$100 fine.

Wabash Railway Co., interstate transportation of dead hog in same car with

live animals, \$100 fine.

# Twenty-Eight-Hour Law

Pennsylvania Railroad Co., \$100 fine.

# NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 1330 (revised). Parasites and Parasitic Diseases of Sheep. By Maurice C. Hall, Zoological Division. Pp. 36, figs. 34.
Farmers' Bulletin 1455. Fitting, Showing, and Judging Hogs. By E. Z. Russell, Animal Husbandry Division. Pp. 22, figs. 13.

Carbon Tetrachloride as an Anthelmintic, and the Relation of Its solubility to Anthelmintic Efficacy. By Maurice C. Hall and Eloise B. Cram, Zoological Division. In Journal of Agricultural Research, vol. 30, No. 10, May 15, 1925. Key No. A-98. Pp. 949-953.

Key No. A-98. Pp. 949-953.

The Egg-Producing Gapacity of Ascaris Lumbricoides. By Eloise B. Cram, Zoological Division. In Journal of Agricultural Research, vol. 30, No. 10, May 15, 1925. Key No. A-75. Pp. 977-983, figs. 6.

Amendment 3 to B. A. I. Order 294. Declaring Names of Counties Placed in Modified Accredited Areas for Tuberculosis. August 1, 1925. (Adds following-named counties to list of modified accredited areas for three years from date: Minidoka, Idaho; Kossuth, Warren, and Polk, Iowa; Ontonagon, Mich.; Monroe, Mo.; Butler, Nebr.) P. 1 (mimeographed).

Amendment 36 to B. A. I. Order 287. To Prevent the Spread of Foot-and-Mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Quarantines Harris County and portions of Galveston and Brazoria Counties, Texas.) Dated and effective Aug. 8, 1925. P. 1.

Dated and effective Aug. 8, 1925. P. 1.

# ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: John R. Mohler.
Administrative Assistant: Charles C. Carroll.
Chief Clerk: J. R. Cohran.
Editor: D. S. Burch. Animal Husbandry Division: E. W. Sheets, chief. Biochemic Division: M. Dorset, chief. Field Inspection Division: A. W. MILLER, chief. Division of Hog-Cholera Control: U. G. HOUCK, chief. Meat Inspection Division: R. P. Steddom, chief. Pathological Division: JOHN S. BUCKLEY, chief. Tick Eradication Division: R. A. RAMSAY, chief. Tuberculosis Eradication Division: A. A. Kiernan, chief. Division of Virus-Serum Control: D. I. Skidmore, chief. Zoological Division: B. H. Ransom, chief. Experiment Station: E. C. Schroeder, superintendent. Office of Accounts: George F. Tucker, in charge. Office of Personnel: George H. Russell, in charge.

> ADDITIONAL COPIES OF THIS PUBLICATION MAY BE PROCURED FROM THE SUPERINTENDENT OF DOCUMENTS

GOVERNMENT PRINTING OFFICE WASHINGTON, D. C. AT

5 CENTS PER COPY SUBSCRIPTION PRICE, 25 CENTS PER YEAR







